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PATENT ABSTRACTS OF JAPAN

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(21)Application number : 10-101190

(71)Applicant : SAKAKIBARA AKIRA

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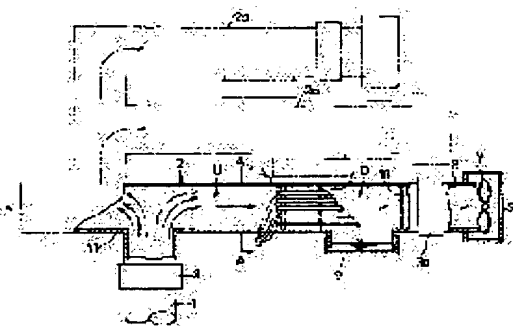
(72)Inventor : SAKAKIBARA AKIRA

(54) EXHAUST EMISSION CONTROL DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To possibly reduce poisonous material contained in exhaust gas discharged from an internal combustion engine.

SOLUTION: Wall portions 4 are arranged in an intermediate portion of a cylindrical pipe 2. A number of tubular nozzles 5 are fixed so as to penetrate the wall portions 4. An upstream side U of the cylindrical pipe 2 is connected to an exhaust pipe 1 arranged continuously from an internal combustion engine, while an exhaust port 6 is formed on a front of a downstream side D of the cylindrical pipe 2. In addition, a communication pipe 8 having an air suctioner 7 is connected. A liquefied material sedimentation part 9 is arranged on a lower portion of the cylindrical pipe 2 on the downstream side D. In such a case, the exhaust gas fed into the cylindrical pipe 2 on the upstream side U is flowed down into the cylindrical pipe 2 on the downstream side D in which pressure is reduced by the air suctioner 7. At this time, moisture contained in the exhaust gas is speedily cooled and condensed. Poisonous material contained in the exhaust gas is mixed therein for sedimentation. The purified exhaust gas is discharged to the outside from the exhaust port 6.



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